

# Safety Through-Beam Sensor

## SL2-00NE000H3

Part Number



- Compatible with safety control unit
- Glass lenses

### Technical Data

Optical Data	
Range	0...20 m
Switching Hysteresis	< 15 %
Light Source	Red Light
Max. Ambient Light	10000 Lux
Opening Angle	± 4 °
Electrical Data	
Sensor Type	Receiver
Supply Voltage	19,2...28,8 V DC
Current Consumption (U <sub>b</sub> = 24 V)	< 15 mA
Response Time	1,8 ms
Temperature Range	-25...60 °C
Switching Output Voltage Drop	< 1,5 V
PNP Switching Output/Switching Current	300 mA
Residual Current Switching Output	< 50 µA
Short Circuit and Overload Protection	yes
Reverse Polarity Protection	yes
Protection Class	III
Mechanical Data	
Housing Material	Plastic
Full Encapsulation	yes
Degree of Protection	IP67
Connection	M12 × 1; 4-pin
Safety-relevant Data	
ESPE Type (EN 61496)	2 *
Safety Category (EN ISO 13849-1)	2*
Performance Level (EN ISO 13849-1)	PL c*
Mission Time TM (EN ISO 13849-1)	20 a
MTTFd (EN ISO 13849-1)	381 a
Connection Diagram No.	1021
Control Panel No.	N1 No1
Suitable Connection Equipment No.	2
Suitable Mounting Technology No.	350

### Suitable Emitter

SL2-00NS000H3

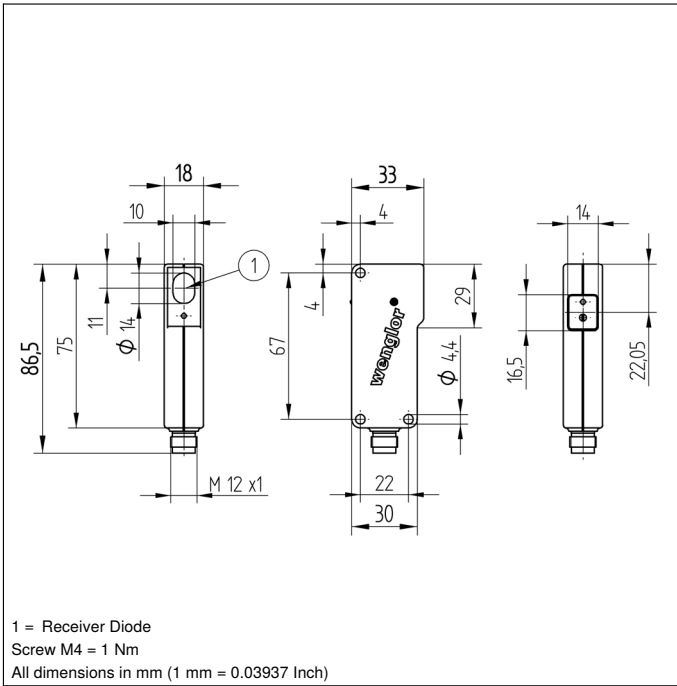
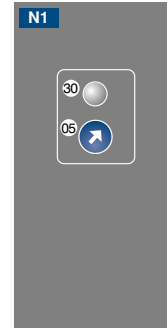
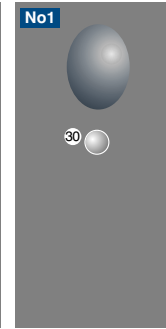
\* in conjunction with suitable safety control unit

These through-beam sensors are well suited for use in rough industrial environments. Together with a suitable individual control unit, access of machines can be safeguarded.



### Complementary Products

Path-Folding Mirror Z2UG001
Set Protective Housing ZSN-NN-02
Software


**Ctrl. Panel**

**Optic**


05 = Switching Distance Adjuster  
 30 = Switching Status/Contamination Warning

